

THE PHILIPPINE JOURNAL OF SCIENCE

VOLUME 37

SEPTEMBER TO DECEMBER, 1928

WITH 57 PLATES AND 15 TEXT FIGURES



MANILA
BUREAU OF PRINTING
1928

EDITORIAL BOARD

WILLIAM H. BROWN, PH.D., *Editor*

R. C. MCGREGOR, A.B., *Associate Editor*

Chemistry

A. P. WEST, PH.D.; T. DAR JUAN, PHAR.D.; F. AGCAOILI, A.B.

A. S. ARGÜELLES, B.S.; F. D. REYES, B.S.

MARIA Y. OROSA, PH.C., M.S.

Geology

VICTORIANO ELICAÑO, B.S.; LEOPOLDO A. FAUSTINO, E.M., PH.D.

Experimental Medicine

OTTO SCHÖBL, M.D.; H. W. WADE, M.D.

STANTON YOUNGBERG, D.V.M.; ARTURO GARCIA, M.D.

DANIEL DE LA PAZ, M.D.; CRISTOBAL MANALANG, M.D.

Clinical Medicine

LIBORIO GOMEZ, M.D., PH.D.; F. CALDERON, L.M.

JACOBO FAJARDO, M.D.; JOSÉ ALBERT, M.D.; H. LARA, M.D.

JOSÉ RODRIGUEZ, M.D.

Botany

L. M. GUERRERO, PHAR.D.; A. F. FISCHER, C.E., M.F.

J. K. SANTOS, PH.D.; P. L. SHERMAN, PH.D.; EDUARDO QUISUMBING, PH.D.

JOAQUIN MARAÑON, PH.D.; RAFAEL B. ESPINO, PH.D.

Zoölogy

HERACLIO R. MONTALBAN, M.A.; LEOPOLDO B. UICHANCO, SC.D.

MARCOS A. TUBANGUI, D.V.M.; MANUEL D. SUMULONG, M.S., D.V.M.

Anthropology

H. O. BEYER, M.A.; OTTO JOHNS SCHEERER, M.A.

CONTENTS

No. 1, September, 1928

[Issued October 25, 1928.]

	Page.
SHERMAN, P. L. Abacá-soil conditions in two districts of the Philippine Islands and their relation to fiber production.....	1
Two plates.	
SHERMAN, P. L., and HARTLEY EMBREY SHERMAN. The tensile strength of abacá fibers in relation to their acidity.....	21
BAÑUELOS, TRINIDAD, and P. L. SHERMAN. Fermentation as affecting the quality of Philippine abacá.....	41
One plate.	
KELSER, R. A. Mercuric iodide in the treatment of equine epizootic lymphangitis	69
One plate.	
HASSELMANN, C. M., and MARGARETE HASSELMANN-KAHLERT. Notes on plasmoguin (plasmochin)	75
One text figure.	
MANALANG, C. Notes on malaria transmission	123
Four plates.	

No. 2, October, 1928

[Issued November 7, 1928.]

QUISUMBING, EDUARDO, and ELMER D. MERRILL. New Philippine plants	133
Four plates.	

No. 3, November, 1928

[Issued November 28, 1928.]

VEDDER, EDWARD B. A discussion of the etiology of leprosy, with especial reference to the possibility of the transference of leprosy by insects, and the experimental inoculation of three men	215
Six text figures.	
TANABE, B. The effect of the administration of alcohol upon the result of the Wassermann test in yaws monkeys.....	247
MARAÑON, JOAQUIN M. Total alkaloids of <i>Datura fastuosa</i> Linnaeus and <i>Datura alba</i> Nees from the Philippines.....	251
One text figure.	
HODGE, EDWIN T. An asphaltite from the Philippine Islands.....	263
FRISON, THEODORE H. The bumblebees of the Philippine Islands (<i>Bremidæ</i> : Hymenoptera)	273
One plate.	

SIVICKIS, P. B. New Philippine shipworms	Page. 285
Three plates.	
SIVICKIS, P. B., and JOSÉ S. DOMANTAY. The morphology of a holothurian, <i>Stichopus chloronotus</i> Brandt.....	299
Eleven plates.	

No. 4, December, 1928

[Issued December 29, 1928.]

COPELAND, EDWIN BINGHAM. <i>Leptochilus</i> and genera confused with it	333
Thirty-two plates and fifty-two text figures.	
SANTOS, JOSÉ K. A cytological study of <i>Cocos nucifera</i> Linnæus....	417
Seven plates.	
INDEX	439